Rec'd PCT/PTO 16 DEC 2004

FORM PTO-1390 (REV 5-93)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 107348-00449
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		DATE: December 16, 2004
		U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.5) New Application 10/516947
INTERNATIONAL APPLICATION NO. PCT/JP03/08388	INTERNATIONAL FILING DATE July 2, 2003	PRIORITY DATE CLAIMED July 5, 2002

TITLE OF INVENTION: VALVE-OPERATING SYSTEM FOR INTERNAL COMBUSTION ENGINE

APPLICANT(S) FOR DO/EO/US: Noriaki FUJII (Saitama, Japan); Hiromu NAKAMURA (Saitama, Japan) and Junichi IWAMOTO (Saitama, Japan)

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The U.S. has been elected (Article 31).
5. ☒ A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
   a. ☒ is attached hereto (required only if not transmitted by the International Bureau).
   b. ☐ has been communicated by the International Bureau.
   c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application into English [35 U.S.C. 371(c)(2)].
   a. ☒ is attached hereto.
   b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
   a. ☐ are attached hereto (required only if not transmitted by the International Bureau).
   b. ☐ have been communicated by the International Bureau.
   c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
   d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9. ☐ An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 to 20 below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; and PTO-1449 Form & 1 ref.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13*ter*.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Drawings Figs. 1-8 (8 sheets); Form PCT/RO/101 w/English translation & Form PCT/ISA/210 w/English translation.

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 10/516947 New Application	INTERNATIONAL APPLICATION NO. PCT/JP03/08388	ATTORNEY DOCKET NO. 107348-00449

21. ☒ The following fees are submitted:					
☒ Basic National Fee	.....	$300.00			
☒ Examination Fee	.....	$200.00			
☒ Search Fee	.....	$500.00			01230
TOTAL OF ABOVE CALCULATIONS		$1000.00			
☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is **$250** for each additional 50 sheets of paper or fraction thereof.					1615 60
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round **up** to a whole number)	Rate		
30 - 100 =	0 /50 =		x **$250.00**	$ 0.00	
Surcharge of $130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].				$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	20 - 20 =	0	x $ 50.00	$ 0.00	
Independent Claims	1 - 3 =	0	x $200.00	$ 0.00	
Multiple dependent claim(s) (if applicable)			+ $360.00	$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				$ 1,360.00	
Reduction by one-half for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28). -				$	
SUBTOTAL =				$ 1,360.00	
Processing fee of $130.00 for furnishing the English translation later the ☐ 20 ☐ 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +				$	
TOTAL NATIONAL FEE =				$ 1,360.00	
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). $40.00 per property +				$	
TOTAL FEES ENCLOSED =				$ 1,360.00	
				Amount to be refunded	$
				Charged	$

a. ☒ Check #_____ in the amount of $1,360.00 to cover the above fees is enclosed.
b. ☐ Please charge my Deposit Account No. 01-2300 in the amount of $ _____ to cover the above fee. A duplicate copy of this sheet is enclosed.
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2300.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
Customer No. 004372
Arent Fox PLLC
1050 Connecticut Avenue, N.W.
Suite 400
Washington, D.C. 20036-5339
Tel: (202) 857-6000 Fax: (202) 638-4810

Charles M. Marmelstein
Reg. No. 25,895

CMM:rkc